

## **ABSTRACT OF THE DISCLOSURE**

A digital camera image controller apparatus for a mobile phone is disclosed, which uses a sensing module to collect optical signal of an image and produce RGB (red, green, blue) image signal from the optical signal, and an image controller to receive the RGB image signal and accordingly produce a preview signal of the image to an LCD module. Also, the image controller outputs compressed or non-compressed image signal to a baseband processor. In addition, the image controller includes chromatic aberration interpolator and an RGB-to-YUV converter provided by a typical camera module. Therefore, the inventive camera module can include a sensing module simply having lens and sensor, thus avoiding defects caused by using the typical camera module.